

METHOD AND APPARATUS FOR REDUCING X-RAY DOSAGE IN CT IMAGING PRESCRIPTION

Abstract of Disclosure

The present invention is directed to a networked scanner environment wherein each scanner is communicatable with one or more databases configured to store data associated with previously executed imaging sessions. The one or more databases may be queried by a user to determine, based on a set of user inputs, an historical evaluation of the prior imaging sessions conducted in accordance with scan parameters similar to the scan parameters of an imminent imaging session. The present invention includes a global database that is accessible by a series of remotely located imaging systems as well as includes one or more databases particular to a specific treatment facility housing one or more imaging scanners. The present invention is also applicable with a stand-alone imaging system having a database local to that particular imaging system for storing and accessing data associated with imaging sessions conducted on that particular imaging system.

Figures

11. The following information is provided for the year ended 31 December 2019: